## IAP15 Rec'd PCT/PTO 29 NOV 2006

|  | TRAN  | NSMITTAL LETTER TO THE UNITED   | CUSTOMER NO. 22,852                                  |  |  |  |  |  |  |  |  |
|--|---|---|--|--|--|--|--|--|--|--|--|
| (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 |   |   |  | ATTORNEY'S DOCKET NUMBER: 10084-0004.00000  U.S. APPLICATION NO. if known, see 37 CFR 1.5  |  |  |  |  |  |  |  |
| <u> </u>   |   |   |  | 10/571,511   |  |  |  |  |  |  |  |
|  |   | TIONAL APPLICATION NO.<br>22004/013124  | INTERNATIONAL FILING DATE<br>September 9, 2004       | PRIORITY DATE CLAIMED September 11, 2003   |  |  |  |  |  |  |  |
| PRC  | TITLE OF INVENTION METHOD AND KIT FOR DETECTING PROLIFERATIVE DISEASES CAUSING SCLEROSIS, PREVENTIVE AND/OR REMEDY FOR PROLIFERATIVE DISEASES CAUSING SCLEROSIS AND METHOD AND KIT FOR IDENTIFYING SUBSTANCE EFFICACIOUS IN PREVENTING AND/OR TREATING PROLIFERATIVE DISEASES CAUSING SCLEROSIS |   |  |  |  |  |  |  |  |  |  |
|  | APPLICANT(S) FOR DO/EO/US Toshio DOI et al.   |   |  |  |  |  |  |  |  |  |  |
| <b>—</b>   | licant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |   |  |  |  |  |  |  |  |  |  |
| 1.   |   | This is a FIRST submission of items concerning a filing under 35 U.S.C 371.   |  |  |  |  |  |  |  |  |  |
| 2.   | $\boxtimes$   | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.                           |  |  |  |  |  |  |  |  |  |
| 3.   |   | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items |  |  |  |  |  |  |  |  |  |
| 4.   | ⊠   | (5), (6), (9) and (21) indicated below.  The US has been elected (Article 31).  |  |  |  |  |  |  |  |  |  |
| 5.   |   | A copy of the International Application as filed (35 U.S.C. 371 (c)(2)).  |  |  |  |  |  |  |  |  |  |
| -  |   | a.  is attached hereto (required only if not communicated by the International Bureau).                                   |  |  |  |  |  |  |  |  |  |
|  |   | _   | d by the International Bureau.                       |  |  |  |  |  |  |  |  |
|  |   | c.  is not required, as the application was filed with the United States Receiving Office (RO/US).                        |  |  |  |  |  |  |  |  |  |
| 6.   |   | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).                          |  |  |  |  |  |  |  |  |  |
| -  |   | a.  is attached hereto.   |  |  |  |  |  |  |  |  |  |
|  |   | b. has been previously submitted under 35 U.S.C. 154(d)(4).   |  |  |  |  |  |  |  |  |  |
| 7.   |   |   | nternational Application under PCT Article 19 (35 U. | .S.C. 371 (c)(3)).   |  |  |  |  |  |  |  |
|  |   | a.   are attached hereto (rec   | quired only if not communicated by the International | ll Bureau).  |  |  |  |  |  |  |  |
|  |   | b.  have been communicated by the International Bureau.   |  |  |  |  |  |  |  |  |  |
|  |   |   |  |  |  |  |  |  |  |  |  |
|  |   | d. have not been made and will not be made.   |  |  |  |  |  |  |  |  |  |
| 8.   |   | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).              |  |  |  |  |  |  |  |  |  |
| 9.   |   | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).   |  |  |  |  |  |  |  |  |  |
| 10.  |   | An English language translation of the annexes of the International Preliminary Examination Report under PCT              |  |  |  |  |  |  |  |  |  |
|  |   | Article 36 (35 U.S.C. 371 (c)(5)).  |  |  |  |  |  |  |  |  |  |
| Item   | s 11 t  | to 20 below concern document(s) o   | or information included:                             |  |  |  |  |  |  |  |  |
| 11.  | $\boxtimes$   | Information Disclosure Statement under 37 CFR 1.97 and 1.98   |  |  |  |  |  |  |  |  |  |
| 12.  |   | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.         |  |  |  |  |  |  |  |  |  |
| 13.  |   | A preliminary amendment.  |  |  |  |  |  |  |  |  |  |
| 14.  |   | An Application Data Sheet under 37 CFR 1.76.  |  |  |  |  |  |  |  |  |  |
| 15.  |   | A Substitute specification.   |  |  |  |  |  |  |  |  |  |
| 16.  |   | A power of attorney and/or change of address letter.  |  |  |  |  |  |  |  |  |  |
| 17.  |   | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.           |  |  |  |  |  |  |  |  |  |
| 18.  |   | A second copy of the published International Application under 35 U.S.C. 154 (d)(4).                                      |  |  |  |  |  |  |  |  |  |
| 19.  |   | A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4).                  |  |  |  |  |  |  |  |  |  |
| 20.  | ⊠   | being<br>§ 1.10<br>Alexa  | deposited with the United States Postal Services "   | "EXPRESS MAIL" I hereby certify that this correspondence is<br>Express Mail Post Office to Addressee" service under 37 CFR<br>the Mail Stop PCT Commissioner for Patents, P.O. Box 1450,<br>847 359 274 US |  |  |  |  |  |  |  |
|  |   | a.  |  |  |  |  |  |  |  |  |  |

| U.S. APPLICATION NO. (if know)<br>10/571,511  |   | INTERNATIONAL APPLICATION NO. PCT/JP2004/013124        |                           |                 | ATTORNEY'S DOCKET<br>NUMBER 10084-0004.00000 |                 |  |  |  |  |
|---|---|--|---------------------------|-----------------|--|-----------------|--|--|--|--|
| •   |   |  |                           |                 |  |                 |  |  |  |  |
| The following fees ha   | ave been submitted:   |  |                           |                 | CALCULATIONS                                 | PTO Use<br>Only |  |  |  |  |
| 21. BASIC NATIONAL F  | EE (37 CFR 1.492(a)):   |  | \$300.00                  |                 | \$   | · · · · · ·     |  |  |  |  |
| 22. Examination fee (37C  |   | <b>†</b>   |                           |                 |  |                 |  |  |  |  |
| If the Written opinion prepared by by IPEA/US indicates all cl  | \$  |  |                           |                 |  |                 |  |  |  |  |
| 23. Search fee (37 CFR 1  |   |  |                           |                 |  |                 |  |  |  |  |
| If the written opinion of the ISA/US<br>IPEA/US indicates all claim   |   | ĺ  |                           |                 |  |                 |  |  |  |  |
| Search fee (37 CFR 1.445(a)(2)) International Searching Au  | \$  |  |                           |                 |  |                 |  |  |  |  |
| International Search Report prepa<br>previously communicated t  |   |  |                           |                 |  |                 |  |  |  |  |
| All other situations  |   | ļ  |                           |                 |  |                 |  |  |  |  |
| ☐ Additional fee for specification  | \$  | <u> </u>   |                           |                 |  |                 |  |  |  |  |
| listing in compliance<br>electronic medium) (:<br>The fee is \$250 for e  |   |  |                           |                 |  |                 |  |  |  |  |
| Total Sheets  | Extra Sheets  | Number of each additional thereof (round up to a who   |                           | Rate            |  |                 |  |  |  |  |
| - 100 =   | /50=  |  | x \$250.00                |                 | \$   |                 |  |  |  |  |
| Surcharge of \$130.00 for furnishin commencement of the national st   | ng any of the search fee, example (37 CFR 1.492(h)).              | mination fee, or the oath or de                        | eclaration after the da   | ate of          |  |                 |  |  |  |  |
| CLAIMS  | NUMBER FILED  | NUMBER EXTRA   | RATE                      |                 |  |                 |  |  |  |  |
| Total Claims  | 17 - 20 =   |  | x \$50.00                 |                 | \$   |                 |  |  |  |  |
| Independent Claims  | 17 -3 =   | 14   |                           |                 | \$   |                 |  |  |  |  |
| MULTIPLE DEPENDENT CLAIM  | (S) (if applicable)   |  | +\$360.0                  | 10              | \$   |                 |  |  |  |  |
|   |   |  | L OF ABOVE CALC           | ULATIONS =      | \$   |                 |  |  |  |  |
| Applicant claims small entity st  | tatus. See 37 CFR 1.27. Fee                                       | es above are reduced by ½.                             |                           |                 | \$   |                 |  |  |  |  |
|   |   |  |                           | SUBTOTAL =      | \$   |                 |  |  |  |  |
| Processing fee of \$130.00 for furr 1.492(i)).  | nishing the English translation                                   | later than 30 months from th                           | ne earliest priority date | e (37 CFR<br>+  | \$   |                 |  |  |  |  |
|   | ONAL FEE =  | \$   |                           |                 |  |                 |  |  |  |  |
| Fee for recording the enclosed as cover sheet (37 CRF 3.28, 3.31)   | signment (37 CFR 1.21 (h)).<br>\$40.00 per property.              | The assignment must be acc                             | companied by an app       | ropriate        |  |                 |  |  |  |  |
|   |   |  | TOTAL FEES E              | NCLOSED =       |  |                 |  |  |  |  |
|   |   | Amount to be refunded:                                 | \$                        |                 |  |                 |  |  |  |  |
| A sheek in the amount of  |   | charged:   | \$                        |                 |  |                 |  |  |  |  |
| <u> </u>  |   |  |                           |                 |  |                 |  |  |  |  |
| ,   |   | additional force which many                            | h                         |                 |  |                 |  |  |  |  |
| No. <u>06-0916</u> . A duplica  | ereby authorized to charge an<br>ate copy of this sheet is enclos | .y additional lees willon may i<br>sed.                | se requirea, or credit    | any overpaym    | ent to Deposit Accou                         | ınt             |  |  |  |  |
| d. Fees are to be charged on this form. Provide of  | to a credit card. WARNING: credit card information and au         | Information on this form may athorization on PTO-2038. | become public. Cree       | dit card infori | nation should not b                          | e included      |  |  |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. |   |  |                           |                 |  |                 |  |  |  |  |
| SEND ALL CORRESPONDENCE TO:   |   |  |                           |                 |  |                 |  |  |  |  |
| Finnegan, Henderson, Farabow, 0<br>901 New York Avenue, N.W.<br>Washington, DC 20001-4413   |   |  |                           |                 |  |                 |  |  |  |  |
| DATED:  |   |  |                           |                 |  |                 |  |  |  |  |